

## Recombinant Mouse Tgm2 Protein, His-tagged

Cat. No. Tgm2-7351M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Tgm2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-686
<b>Description</b>	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	79.4 kDa
<b>AA Sequence</b>	<p>MGSSHHHHHSSGLVPRGSHMGSMAEELLERCDLEIQANGRDHHTADLCQEKL  LRRGQRFRLTYFEGRGYEASVDSLTFGAVTGPDPSEEAGTKARFSLSDNVEEGS  WSASVLDQQDNVLSLQLCTPANAPIGLYRLSLEASTGYQGSSFVLGHFILLYNAWCP  ADDVYLDSEEERREYVLTQQGFIYQGSVKFIKSVPNWFGQFEDGILDTCMLLLDMNP  KFLKNRSRDCSRRSSPIYVGRVVSAMVNCNDDQGVLLGRWDNNGDGISPMAWIG  SVDILRRWKEHGCGQVKYGGCWWFAAVACTVLRCLGIPTRVVTNYSAHQNSNLL  IEYFRNEFGELESNKSEMIWNFHCWVESWMTRPDLQPGYEGWQAIDPTPQEKSEG  TYCCGPVSVRAIKEGDLSTKYDAPFVFAEVNADVVDWIRQEDGSLKSINRSLVVGQ  KISTKSVGRDDREDITHYKYPEGSPEREVFTKANHLNKLAEKEETGVAMRIRVGD  SMSMGNDFDVFAHIGNDTSETRECRLLLCARTVSYNGVLGPECGTEDINLTLDPYSE</p>

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NSIPLRILYEKYSGCLTESNLIKVRGLLIEPAANSYLLAERDLYLENPEIKIRVLGEPKQ  
NRKLVAEVSLKNPLSDPLYDCIFTVEGAGLTKEQKSVEVSDPVPAGDLVKARVDLFP  
TDIGLHKLVVNFQCDKCLKSVKGYRNVIIGPA

**Purity** > 85 % by SDS-PAGE

**Stability** Shelf life: one year from despatch.

**Storage** Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.

**Concentration** 0.5 mg/mL (determined by Bradford assay)

**Storage Buffer** In Phosphate buffered saline (pH7.4) containing 10 % glycerol, 1 mM DTT.

## GENE INFORMATION

**Gene Name** [Tgm2 transglutaminase 2, C polypeptide \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Tgm2](#)

**Synonyms** Tgm2; transglutaminase 2, C polypeptide; TG2; tTG; G[a]; TGas; G[a]h; tTGas; TGase2; protein-glutamine gamma-glutamyltransferase 2; C polypeptide; TG(C); TGC; TGase C; TGase-2; protein-glutamine-gamma-glutamyltransferase; tissue transglutaminase; transglutaminase C; transglutaminase-2; EC 2.3.2.13

**Gene ID** [21817](#)

**mRNA Refseq** [NM\\_009373](#)

**Protein Refseq** [NP\\_033399](#)

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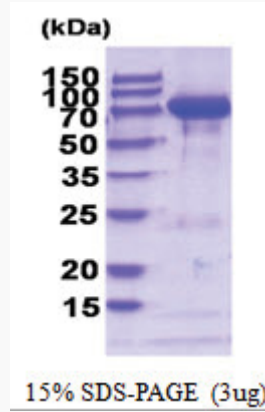
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UniProt ID

P21981

SDS-PAGE



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